

Remarks/Arguments

Claims 1-37, 43-46, 50-51, 58-59 and 61-63 remain in the case. Claims 38-42, 47-49, 52-57 and 60 were previously cancelled. Claims 1-37 stand allowed. Claims 43-46, 50-51, 59 and 61-63 are currently amended. Claim 58 is cancelled. New claims 64-69 are
5 presented.

Recapture

Claims 43-46, 50-51, 58-59 and 61-63 were rejected under 35 USC § 251. The Office Action suggests that the broadened claims presented in the reissue application attempt to recapture subject matter surrendered in the application for the patent upon the present reissue
10 application is based. The Applicant disagrees. However, in order to expedite allowance of the instant application, the Applicant has amended the independent claims to include the limitations of one of claims 40, 45 and 47 of the original prosecution as required by the Examiner.

Claim 40 of the original prosecution, as amended during the original prosecution, recited the following:

15 40. The mounting device according to Claim 39 wherein the base takes the form of a second coupling member having a substantially smooth part spherical outer peripheral surface thereon, the second coupling member is also compressible radially thereof at the outer peripheral surface thereof, and the mounting device further comprises means forming a pair of operatively opposing second sockets
20 in the second end portions of the pair of arm sections which have substantially smooth part spherical surfaces at the inner peripheries thereof that are rotatably engageable with the second coupling member at the outer peripheral surface thereof in the respective positions of the bifurcated arm assembly lying between the third and first positions thereof inclusive, and which progressively seize the
25 second coupling member by compressing and deforming the outer peripheral surface thereof to interlock the bifurcated arm assembly with the second coupling member when the pair of arm sections is squeezed together in the direction of the second position of the bifurcated arm assembly from the first position thereof.

Claim 45 of the original prosecution recited the following:

5 45. The mounting device according to Claim 38 wherein the first coupling member has a reduced diameter neck at a side thereof opposed to the part spherical outer peripheral surface thereof, and the first sockets have rims formed thereabout at the faces of the respective arm sections, and indentations in the respective rims thereof at the plane of the line of juncture, which are greater in width than the neck so that the bifurcated arm assembly can be rotated about the locus of the first coupling member to angular orientations in which the line of juncture extends at right angles to the neck of the first coupling member.

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Claim 47 of the original prosecution recited the following:

15 47. The mounting device according to Claim 38 wherein the first sockets have rims formed thereabout at the faces of the respective arm sections and the first sockets have cruciate grooves at the inner peripheries thereof subdividing the part spherical surfaces thereof into four relatively smaller part spherical surfaces apiece, each of which terminates at the groove in the respective first socket and the rim thereabout.

 Claims 43, 50, 59, 61 and 63 are amended to incorporate the allowable subject matter of claim 45 of the original prosecution, as required by the Examiner to avoid rejection for recapture.

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 For at least the above reasons, amended claims 43, 50, 59, 61 and 63 are believed to be allowable.

 Claims 44-46, 51, and 62 are amended to conform to respective base claims as amended herein. Claims 44-46, 51, and 62 are allowable at least as depending from respective allowable base claims.

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Newly Presented Claims

 Claims 64-69 are newly presented.

 The subject matter of newly presented claims 64-69 is supported by the Specification and drawings of the original application as presented in the original prosecution. No

new matter is added. See, e.g., Figures 1 and 2, and the Specification at column 10, lines 18-60, as follows:

Referring initially to FIGS. 1-5, it will be seen that the medical monitor 12 is supported in an upright U-shaped bracket 6 secured to the same by a fastener 7, and the bracket and monitor are supported in turn on a mounting device 10 of my invention which is mounted upright in turn on a relatively stationary surface 14 therebelow. The mounting device 10 comprises a split arm assembly 1, a device 20 with which to fasten together the pair of elongated, relatively rigid arm sections 16 and 18 in the assembly, a coiled spring 44 (FIG. 2) with which to separate the pair of arm sections when they are fastened together, a clamping mechanism 2 with which to squeeze together the pair of arm sections against the yieldable bias of the spring, and a pair of couplers 100 and 102 with part spherical heads 22 and 24 thereon, respectively, to which the split arm assembly 1 is clamped by the clamping mechanism 2 when the device 10 is put to use in mounting the bracket 6 and monitor 12 on the surface 14. The respective arm sections 16 and 18 are identical, and are arranged in the mounting device 10 so as to be operatively juxtaposed to one another along a line of juncture 13 (FIG. 2) extending therebetween. In that disposition, the respective arm sections have faces 15 thereon which are operatively opposed to one another across a plane 5 (FIG. 4) coincident with the line of juncture 13; and also pairs of corresponding first and second end portions 3 and 4 thereof that are operatively opposed to one another across the same plane. There are pairs of recesses in the faces of the respective arm sections, forming pairs of operatively opposing first and second sockets 25 and 26 in the pairs of first and second end portions 3 and 4 of the arm sections, respectively; and the respective pairs of sockets 25 and 26 have part spherical surfaces at the inner peripheries thereof, and rims 98 formed thereabout on the faces 15 of the respective arm sections. The respective rims 98 have indentations 99 formed therein at the plane 5 of the line of juncture, and additional indentations 101 formed therein at the adjacent ends of the arm sections. Moreover, the respective pairs of sockets have cruciate grooves 27

formed therein at the inner peripheries thereof, and the respective grooves subdivide the part spherical surfaces of the respective sockets into four relatively smaller part spherical surfaces apiece, each of which terminates at the groove 27 in the respective socket and at the rim 98 formed thereabout.

5 See, also, Specification at column 11, lines 21-59, as follows:

Meanwhile, the fastening device 20 is interconnected between the pair of arm sections along the axis 109 of the openings 29, where it can also be subjected to compression by the clamping mechanism 2. The fastening device 20 comprises an elongated bolt 110 with a hexagonal head 8 at one end of the elongated
10 shank 38 thereof, and threading on the opposing end portion 112 of the shank. It also comprises an internally threaded knob 40 with diametrically opposing wings 114 thereon, and a washer 42 that is to be sleeved about the shank 38 of the bolt ahead of the knob 40. The internal threading of the knob 40 is sized to threadedly engage with the threaded end portion 112 of the shank, and the pair
15 of arm sections 16 and 18 is fastened together by passing the shank of the bolt 110, first, through the opening 29 in the arm section 16 and then through the opening 29 in the arm section 18, then sleeving the washer 42 about the projecting threaded end portion 112 of the shank of the bolt, and then threadedly engaging the knob 40 on the threaded end portion 112 of the shank
20 of the bolt while the head 8 of the bolt is engaged in the counterbore 108 of the opening 29 in the arm section 16.

In the arrangement, the knob 40 and the bolt 110 also function as the clamping mechanism 2, in that the pair of arm sections can be squeezed together along the longitudinal axis 109 of the bolt 110 , and against the bias of the spring 44,
25 by threading the knob 40 relatively inwardly along the length of the threaded end portion 112 of the shank of the bolt in the direction of the head 8 thereof. Alternatively, the pair of arm sections can be allowed to retract from one another by unthreading the knob 40 along the shank 38 of the bolt in the opposite direction, to allow the bias of the spring 44 to separate the pair of arm

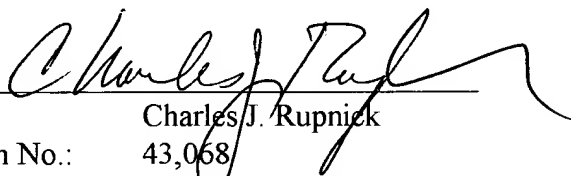
sections from one another. Meanwhile, in both cases, because of the eccentricity of the spring 44 with respect to the axis 109 of the bolt 110, there is a differential in the reaction of the respective pairs of first and second end portions 3 and 4 of the arm sections to the clamping forces generated by the clamping mechanism 2, and this differential has a major role in the operation of the mounting device 10, as shall be explained.

Claims 64-66 are allowable at least as depending from previously allowed base claim 35. Claims 67-69 are allowable at least as depending from now allowable base claim 43.

The claims now being in form for allowance, reconsideration and allowance is respectfully requested.

If the Examiner has questions or wishes to discuss any aspect of the case, the Examiner is encouraged to contact the undersigned at the telephone number given below.

Respectfully submitted,

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